**Assessment Task: Fetching and Analyzing Top 50 Live Cryptocurrency Data**

**CRYPTO MARKET LIVE REPORT**

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**1. OVERVIEW**

This report provides a live analysis of the **Top 50 Cryptocurrencies** based on market capitalization. The data has been fetched using **CoinGecko API** and is automatically updated in **Google Sheets** every 5 minutes.

The report highlights the **latest trends, market movements, price fluctuations, and overall industry performance** to assist in making informed investment decisions.

**2. KEY INSIGHTS**

**2.1 TOP 5 CRYPTOCURRENCIES BY MARKET CAPITALIZATION**

| **Rank** | **Name** |  |  | **Symbol** |  |  | **Market Cap (USD)** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | **Bitcoin** |  |  | BTC |  |  | **$1823881666301** |
| 2 | **Ethereum** |  |  | ETH |  |  | **$286337806474** |
| 3 | **Tether** |  |  | USDT |  |  | **$142397413134** |
| 4 | **Solana** |  |  | SOL |  |  | **$81945002252** |
| 5 | **XRP** |  |  | XRP |  |  | **$154435192221** |

**2.2 PRICE TRENDS & MARKET ANALYSIS**

* **Average Price of Top 50 Cryptos:** **$5815.73 USD**
* **Highest 24h % Change:** **[Bitcoin] (+6.50474%)**
* **Lowest 24h % Change:** **[BNB] (-1.62884%)**
* **Total Market Capitalization:** **$62.2 trillion**

**2.3 NOTABLE OBSERVATIONS**

* **Bitcoin remains the market leader**.
* **Ethereum continues to perform well**, with increased adoption in **DeFi and NFTs**.
* **Some altcoins have shown significant growth**, while others faced major **corrections**.

**3. CONCLUSION & RECOMMENDATIONS**

The cryptocurrency market is highly volatile, and prices fluctuate rapidly due to **market sentiment, regulations, and global economic factors**. Investors should:

✅ **Monitor Bitcoin's dominance**, as it impacts overall market trends.  
✅ **Diversify investments** to mitigate risks associated with sudden price swings.  
✅ **Keep track of news & regulations** affecting the crypto industry.  
✅ **Use real-time data tracking tools** like Google Sheets for updated insights.

This report is **automatically updated** in Google Sheets. Click **[here]** [**https://docs.google.com/spreadsheets/d/1Emj0pNO1lvlimCvoVGpsX0entdkloOwtXOd7abBxlRs/edit?usp=sharing**](https://docs.google.com/spreadsheets/d/1Emj0pNO1lvlimCvoVGpsX0entdkloOwtXOd7abBxlRs/edit?usp=sharing)to view the **Live Crypto Data Sheet**.

**END OF REPORT**

**Best Regards**

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